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m	3,901,654	8/26/75.	Gross	\	1		
0	4,163,780	8/7/79	Ishida et al.		/ E	•	-
	4,257,774	3/24/81	Richardson et al.		/ 2 c	JAN	Ī
	4,492,762	1/8/85	Wang et al.			# ~	7
	4,751,190	6/14/88	Chiapetta et al.			8 20	
	4,859,609	8/22/89	Dull et al.		1	2003	
_	4,863,876	9/5/89	Hevey			8	
	4,876,335	10/24/89	Yamane et al.				
$\overline{}$	5,030,576	7/9/91	Dull et al.				
		FOREIGN	PATENT DOCUMEN	TS			
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gr	WO81/00261	2/5/81	WIPO			$\overline{\mathbf{x}}$	
1	WO88/06633	9/7/88	WIPO		X	X	
- 1 -		OTH	HER DOCUMENTS				
m	Intramolecular M 161-174, January	Mobility of Pepsi -February 1976.	n, Glotov et al., <u>Molecular E</u>	Biology (Mos	scow), Vol. 1	10, No. 1	, p
	Histone HI-DNA Linear Fragment 1977.	1 Interaction. Inj ed DNA, Glotov	fluence of Phosphorylation o et al., Nucleic Acids Research	n the Interac ch, Vol. 4, N	ction of Histo lo. 4, pp. 100	one H1 v 55-1082,	vit.
	Histone H1DNA Interaction. On the Mechanism of DNA Strands Crosslinking by Histone H1, Glotov et al., Nucleic Acids Research, Vol. 5, No. 7, pp. 2587-2605, July 1978 (abstract only included).						
	Molecular Biolog	gy of the Cell, A	lberts et al., pp. 58-61, 1983	•			
	Fluorescent-Lab Fluorescence Pol pp. 4097-4102, A	arization Spectr	potide Probes: Detection of Foscopy, Murakami et al., Nu	dybrid Form cleic Acids I	ation in Solu Research, Vo	ition by 1. 19, No	о.

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			U.S. PA	ATENT DOCUMENTS						
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T	$\overline{\gamma}$	5,124,457	6/23/92	Ungemach et al.	1/\					
		5,155,212	10/13/92	Dubler et al.						
		5,258,512	11/2/93	Heiman et al.	CE AN C					
		5,260,200	11/9/93	Kahn et al.	ER 2 EI					
		5,260,441 11/9/93		Heiman et al.	EIVED 2 8 2003 1ER 1600/2900					
I		5,270,171	12/14/93	Cercek et al.	/ \ 88 0					
		5,340,714	8/23/94	Katsilometes						
		5,393,659	2/28/95	Noah et al.						
		5,445,935	8/29/95	Royer						
			FOREIGN	PATENT DOCUMEN	TS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUB TRANSLATION YES NO					
		WO93/25672	12/23/93	WIPO	XX					
		WO97/45539	12/4/97	WIPO	XX					
			OTH	IER DOCUMENTS						
		Design and Use of Vol. 200, pp. 121		rates for Protein Kinases, Ke	emp et al., <u>Methods in Enzymology</u> ,					
	*****	Chromatin Condensation: Does Histone HI Dephosphorylation Play a Role?, Roth et al., TIBS, Vol.								

Chromatin Condensation: Does Histone H1 Dephosphorylation Play a Role?, Roth et al., <u>TIBS</u>, Vol. 17, pp. 93-98, March 1992.

Protein Phosphatase Assay Using a Modification of the P81 Paper Protein Kinase Assay Procedure, Abukhalaf et al., J. Biochem. Biophys., Vol. 26, pp. 95-104, May 1993 (abstract only included).

PNA Hybridizes to Complementary Oligonucleotides Obeying the Watson-Crick Hydrogen-Bonding Rules, Egholm et al., Nature, Vol. 365, No. 6446, pp. 566-568, October 7, 1993.

DNA Detection by Strand Displacement Amplification and Fluorescence Polarization with Signal Enhancement Using a DNA Binding Protein, Walker et al., Vol. 24, No. 2, pp. 348-353, January 15, 1996.

EXAMINER

Al Cha

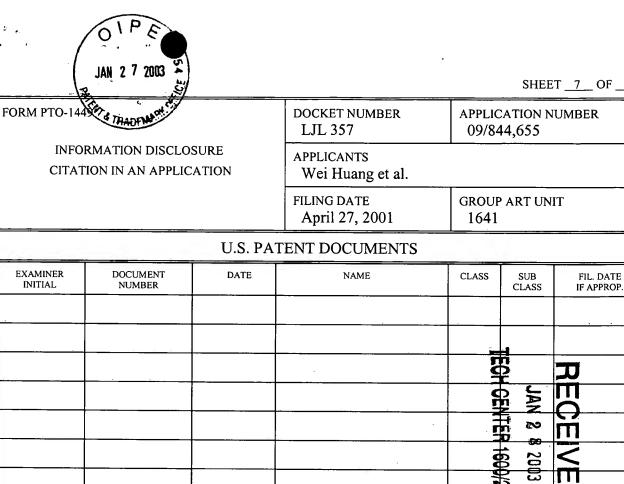
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W	5,466,578	11/14/95	Kidwell		$\overline{}$		
0 (5,478,754	12/26/95	Brandt et al.		1	/空	
	5,621,075	4/15/97	Kahn et al.			3	N
	5,629,157	5/13/97	Goodman et al.		$\neg V$	节	%
	5,639,599	6/17/97	Ryder et al.		Λ	1600	200
	5,711,915	1/27/98	Siegmund et al.			1600/2900	
	5,741,715	4/21/98	Ghoshal et al.				
à.	5,783,687	7/21/98	Glazer et al.				
	5,801,149	9/1/98	Shoelson				
		FOREIGN	PATENT DOCUME	NTS		_/	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		NSLATIO
	WO98/12156	3/26/98	WIPO			XX	Т
	WO98/45481	10/15/98	WIPO			XX	
		OTH	IER DOCUMENTS	-		*******	
	Molecular Beaco	ons: Probes that 308. March 1996	Fluoresce Upon Hybridati	ion, Tyagi e	al., Nat	ure Biotec	hnolog
	Effects of Cell Cy	vcle Dependent	Histone HI Phosphorylatic c Acids Research, Vol. 24,	on on Chron No. 8, pp.	atin Stri 1420-142	ucture and 27, April 1	Chrom 5, 1996
	/ A Homogeneous	Fluorescence P	olarization Assay for Detecds, Vol. 195, pp. 161-168,	ction of Anti	body to		
	BODIPY-alpha-o	casein, a pH-Ind ade et al., Anal.	ependent Protein Substrate Biochem., Vol. 243, No. 1	e for Protea , pp. 1-7, De	se Assay.	s Using Fl 1 996 .	uoresce
\bigvee	Thermodynamic Acids Research, V	Analysis of Mon Vol. 25, No. 7, p	oclonal Antibody Binding p. 1442-1449, April 1, 199	to Duplex D 7.	NA, Tan	ha et al., N	lucleic
EXAMINER	(a/ \ /	1	DATE CONSIDERED				

FORM P	148an (1997)	.	DOCKET NUMBER	A	PPLICA	SHEE TION N	T <u>4</u> UMBEI		
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Ac .	5,804,395	9/8/98	Schade et al.			7			
0	5,807,522	9/15/98	Brown et al.	***	7	/-1			
	5,824,517	10/20/98	Cleuziat et al.		\neg	/ 호	ب	T	
	5,853,999	12/29/98	Olsson et al.		\/	(E)	N	(
	5,858,805	1/12/99	Cheng		X	בח	28		
	5,866,335	2/2/99	Katsilometes et al.			\	2003	1	
	5,985,550	11/16/99	Goodman et al.		71		3000	•	
	6,007,984	12/28/99	Wang et al.		7				
	6,071,748	6/6/00	Modlin et al.						
		FOREIGN	PATENT DOCUME	NTS		1			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB		TRANSLA S	ATION	
	EP 0457213	7/23/97	EPO			XX	(
	EP 0639647	2/22/95	EPO			XX	ζ .		
		OTH	IER DOCUMENTS				•		
	A Fluorescence No. 1, pp. 77-82,	Polarization Bas April 5, 1997.	sed Src-SH2 Binding Assay	, Lynch et	al., <u>Ana</u>	l. Bioche	em., Vo	1. 24	
	Measurement of Specific Protease Activity Utilizing Fluorescence Polarization, Levine et al., Anal. Biochem., Vol. 247, No. 1, pp. 83-88, April 5, 1997.								
	Dynamic Fluorescence Spectroscopy on Single Tryptophan Mutants of EII (mtl) in Detergent Micelles. Effects of Substrate Binding and Phosphorylation on the Fluorescence and Anisotropy Decay, Dijkstra et al., Biochemistry, Vol. 36, No. 16, pp. 4860-4866, April 22, 1997.								
			Polarization Assay for Src-I pp. 210-218, November 15		osine Ki	inases, S	eethala	et al	
	Fluorescence Po Coagulant Contr School, approved	ol at Water Trea	id Charge Titration: Develor tment Facilities (Thesis), G	opment and Green, <u>Univ</u>	d Applic	ation for	r Feed I	Foru duate	

SHEET <u>5</u> OF <u>7</u> FORM PTO 440 AF DOCKET NUMBER APPLICATION NUMBER LJL 357 09/844,655 INFORMATION DISCLOSURE **APPLICANTS** CITATION IN AN APPLICATION Wei Huang et al. FILING DATE **GROUP ART UNIT** April 27, 2001 1641 U.S. PATENT DOCUMENTS **EXAMINER** DOCUMENT DATE CLASS SUB FIL. DATE INITIAL. NUMBER CLASS IF APPROP. 6,472,141 10/29/02 Nikiforov J FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUB TRANSLATION NUMBER CLASS YES NO EP 0678581 10/25/95 **EPO** XXEP 0774515 5/21/97 **EPO** XXOTHER DOCUMENTS Fluorescence Polarization Applications Guide: DNA-Protein Binding Applications, Panvera Corporation, pp. 2-1 to 2-9, January 1998. A Fluorescence Polarization Competition Immunoassay for Tyrosine Kinases, Seethala et al., Analytical Biochemistry, Vol. 255, No. 2, pp. 257-262, January 15, 1998. Multicolor Molecular Beacons for Allele Discrimination, Tyagi et al., Nature Biotechnology, Vol. 16, pp. 49-53, January 16, 1998. Phosphorylation of the C-Terminal Sites of Human p53 Reduces Non-Sequence-Specific DNA Binding as Modeled with Synthetic Peptides, Hoffmann et al., Biochemistry, Vol. 37, pp. 13755-13764, September 29, 1998. Tyr'd and True: Immunochemical Reagents and Kits for Studying Tyrosine Phosphorylation, Wilkinson, The Scientist, Vol. 13, internet printed pp. 1-9, May 10, 1999. **EXAMINER** DATE CONSIDERED

SHEET <u>6</u> OF <u>7</u> DOCKET NUMBER APPLICATION NUMBER LJL 357 09/844,655 INFORMATION DISCLOSURE APPLICANTS CITATION IN AN APPLICATION Wei Huang et al. FILING DATE **GROUP ART UNIT** April 27, 2001 1641 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NAME CLASS SUB FIL. DATE INITIAL NUMBER IF APPROP. CLASS FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUB TRANSLATION NUMBER CLASS YES NO EP 0774516 5/21/97 **EPO** XXEP 0650521 3/7/01 **EPO** XXOTHER DOCUMENTS U.S. Patent Application Serial No. 09/321,309 File History, Sundberg et al., Filed May 27, 1999. Histone HI GenBank Search, Lamar, Davidson College Department of Biology, internet pp. 1-2, 2000. Linker Histone Binding and Displacement: Versatile Mechanism for Transcription Regulation, Zlatanova et al., The FASAB Journal, Vol. 14, No. 12, pp. 1697-1704, September 2000. Escaping the Heat: A Host of Kinase Assay Formats Gives Nonradioactive Options to Researchers, Fitzgerald, The Scientiest, Vol. 14, internet printed pp. 1-7, November 13, 2000. Geldanamycin Abrogates ErbB2 Association with Proteasome-Resistant β-Catenin-E-Cadherin Association, and Decreases \(\beta\)-Catenin-Sensitive Transcription, Bonvini et al., Cancer Research, Vol. 61, pp. 1671-1677, February 15, 2001. Application Notes: Miniaturization of LANCE Kinase Assays, PerkinElmer Life Sciences, pp. 1-3, May 2001. **EXAMINER** DATE CONSIDERED



FOREIGN PATENT DOCUMENTS

 DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS	LATION NO

OTHER DOCUMENTS

Analysis of Potential Compound Interference of AlphaScreen Signal, Packard BioScience Inc., Application Note, pp. 1-4, August 2001. Use of Fluorescence Polarization to Monitor MHC-Peptide Interactions in Solution, Dedier et al., J. Immunol. Methods, Vol. 255, pp. 57-66, September 1, 2001. MAP Kinase Assay, Pedro et al. for Packard Bioscience Inc., Application Note, pp. 1-4, November 2001. P-Tyr-100 Insulin Receptor Tyrosine Kinase Assay, Pedro et al. for Packard Bioscience Inc., Application Note, pp.1-4, November 2001. IQ Kinase Assay Products, Pierce Biotechnology, Inc., internet printed pp. 1-8, 2002. Homogeneous Time-Resolved Fluorescence Product List, CIS Bio International, 2002.

EXAMINER

DATE CONSIDERED